

FIG.1

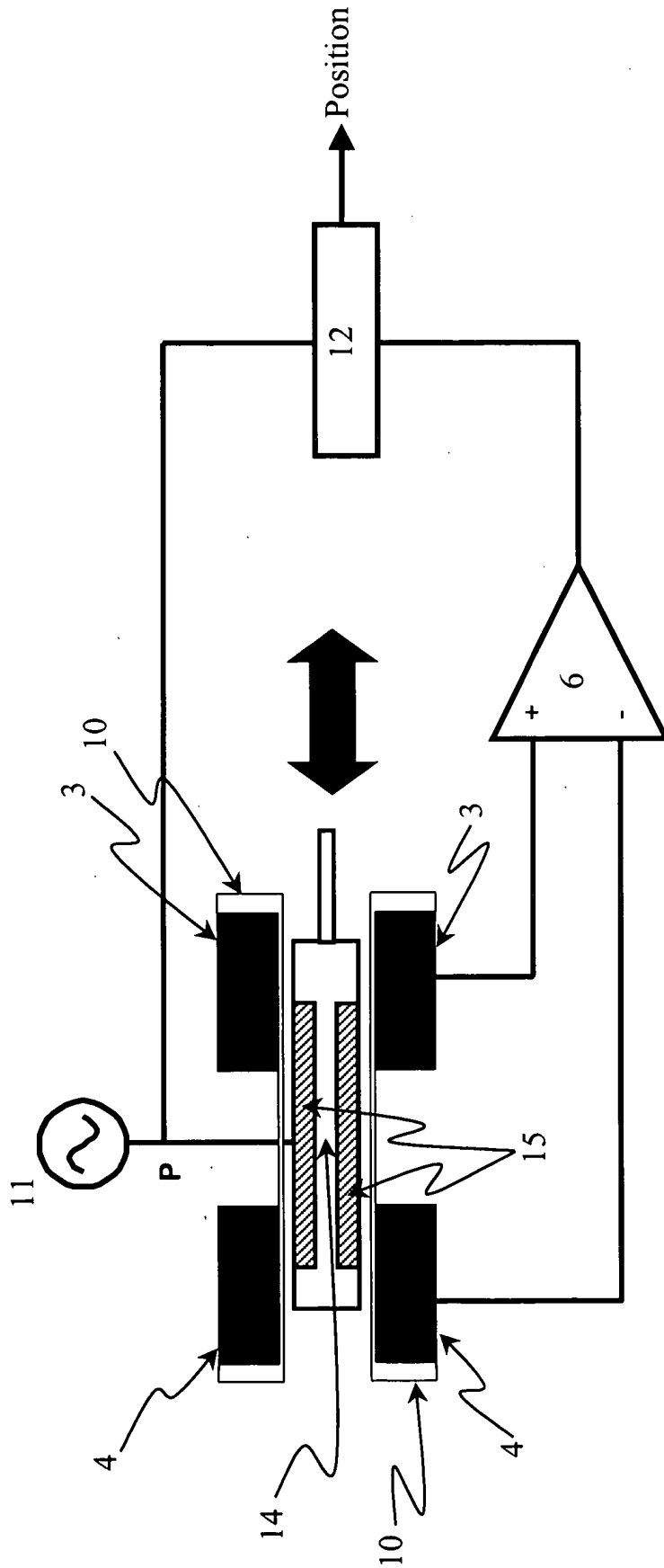


FIG.2

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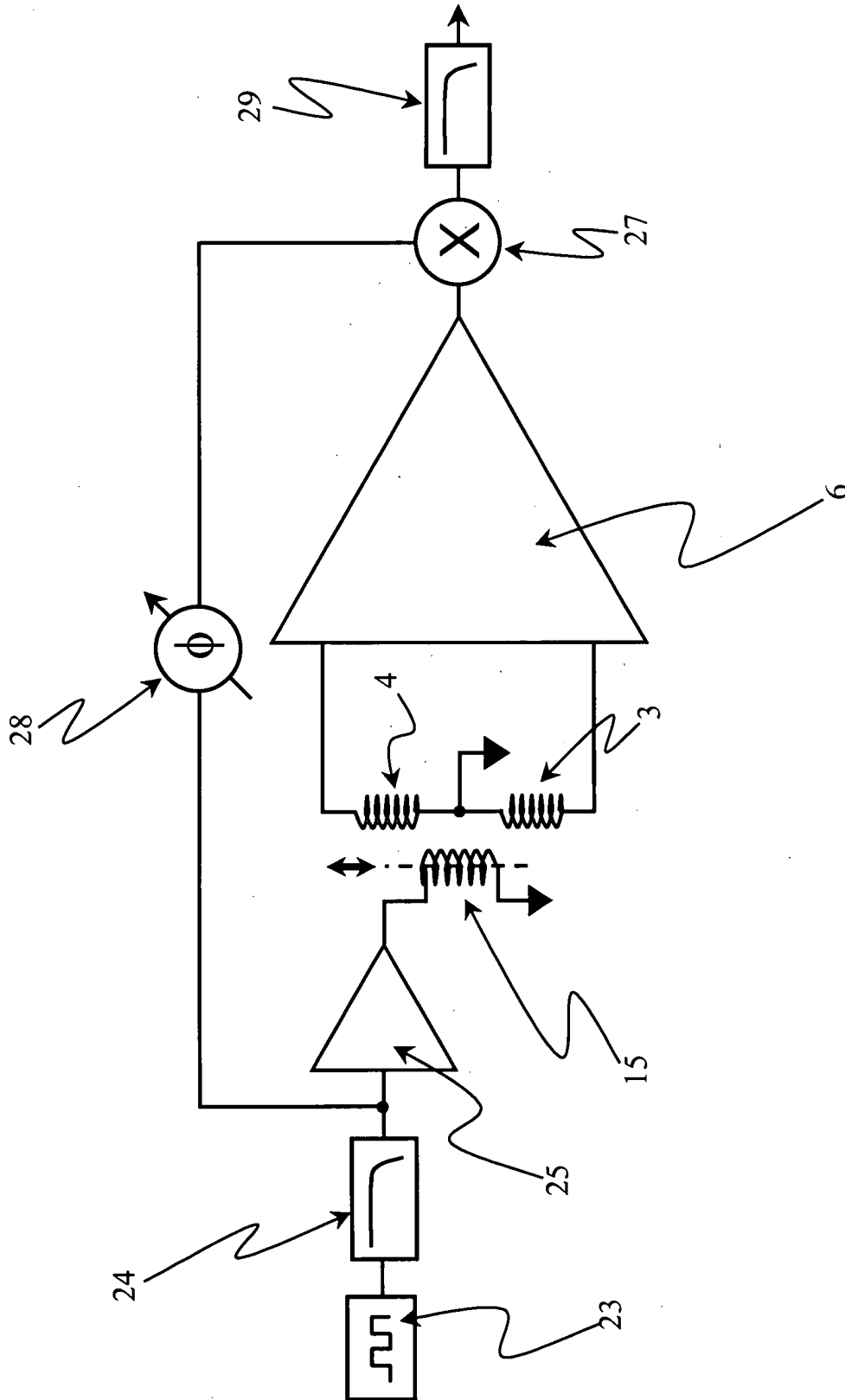


FIG. 3

FOOTPRINT 5249T001

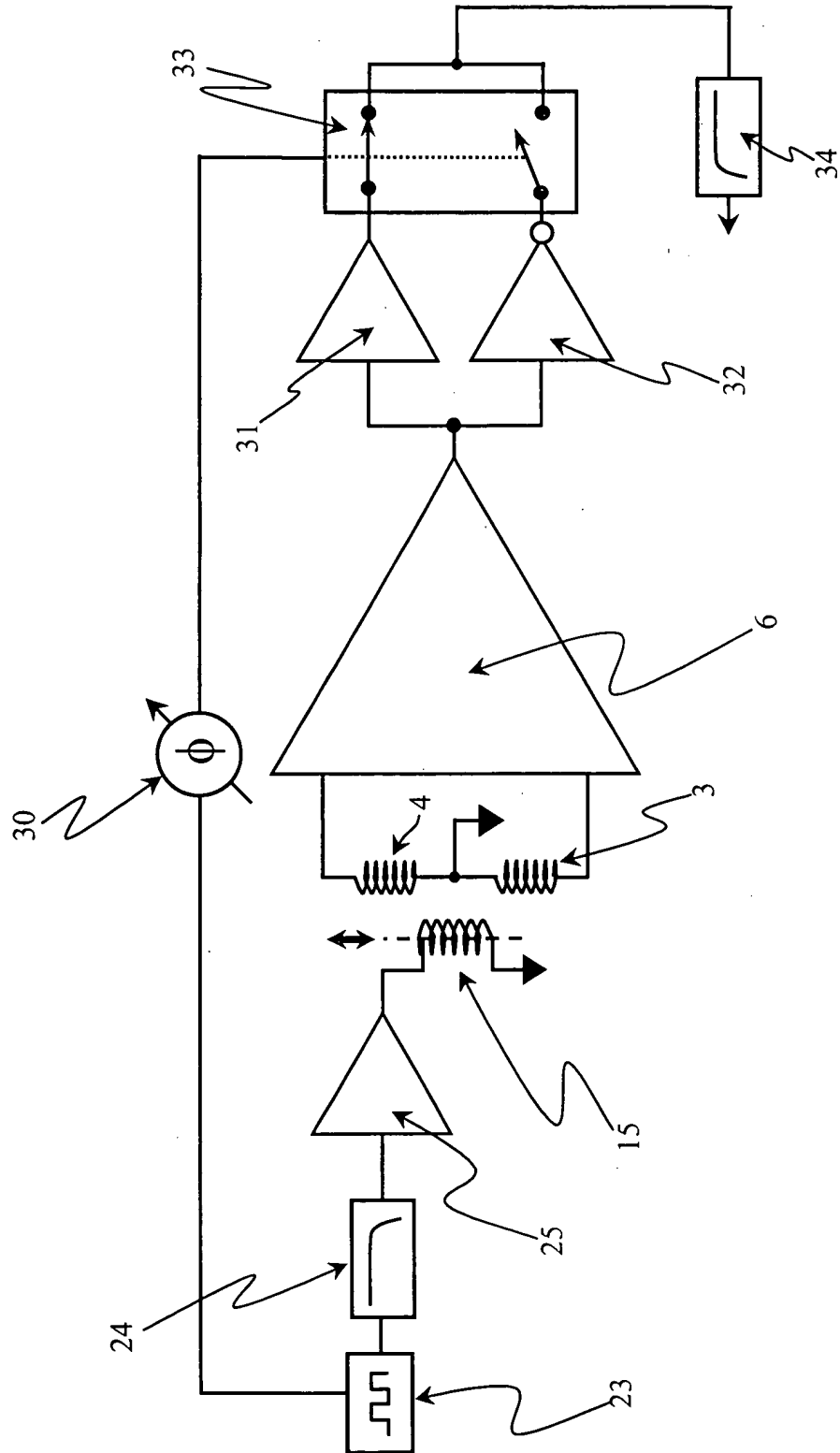


FIG. 4

FIG. 4

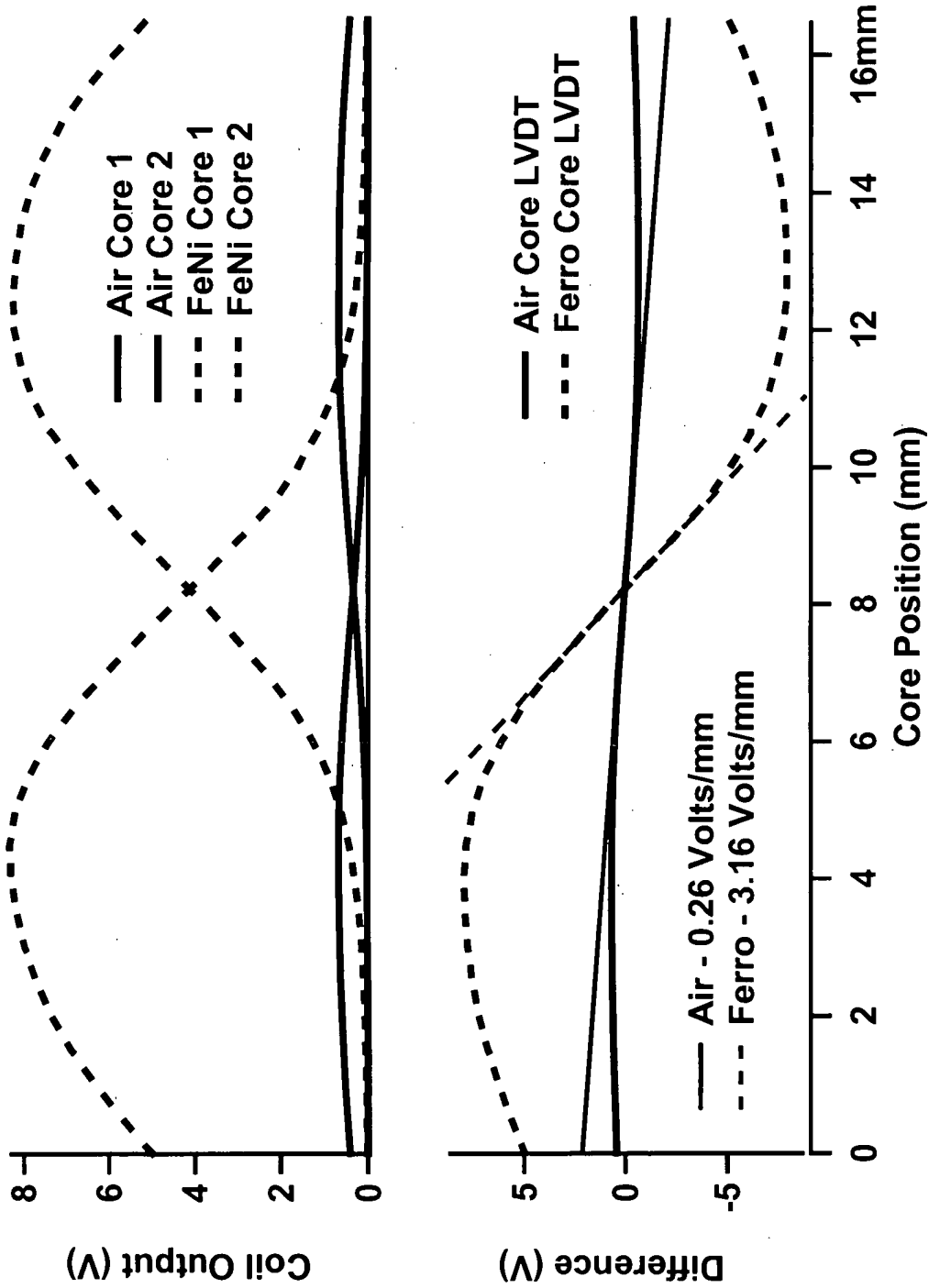


FIG.5

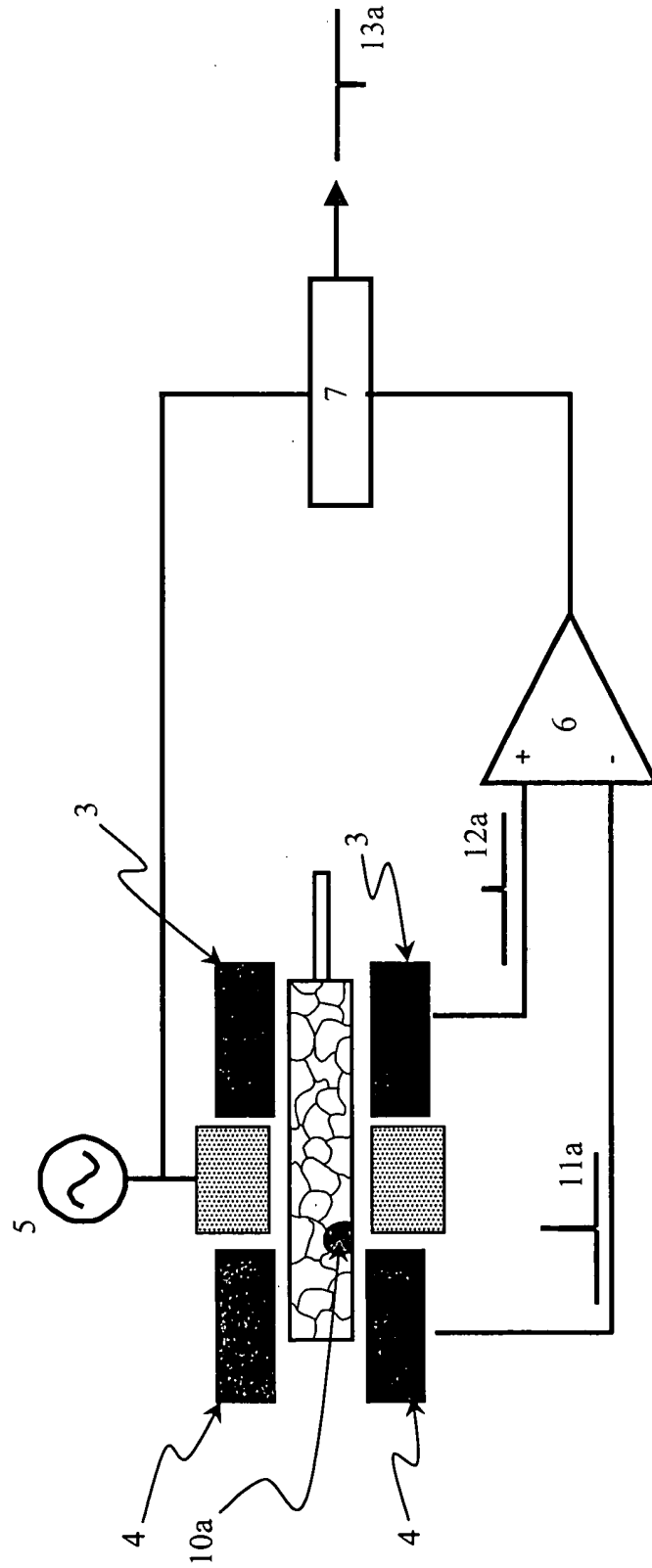


FIG. 6

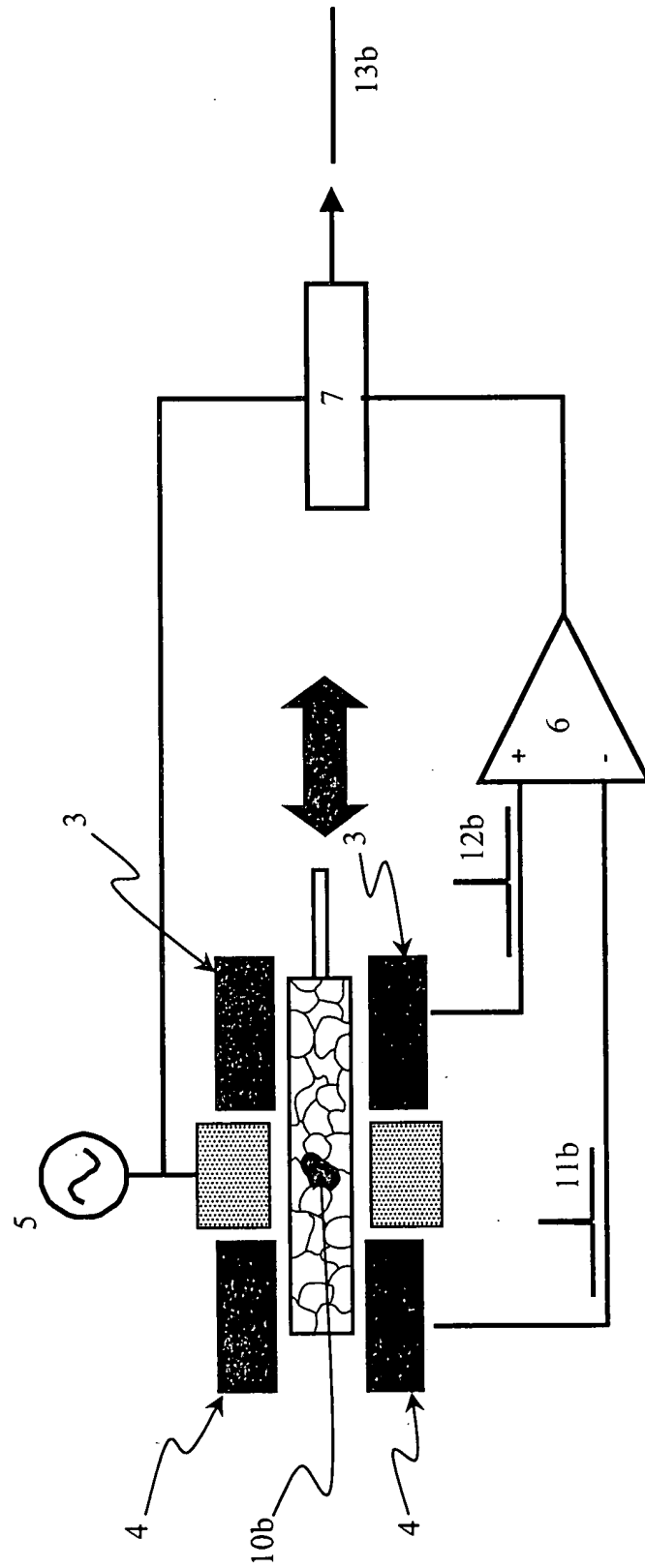


FIG. 7

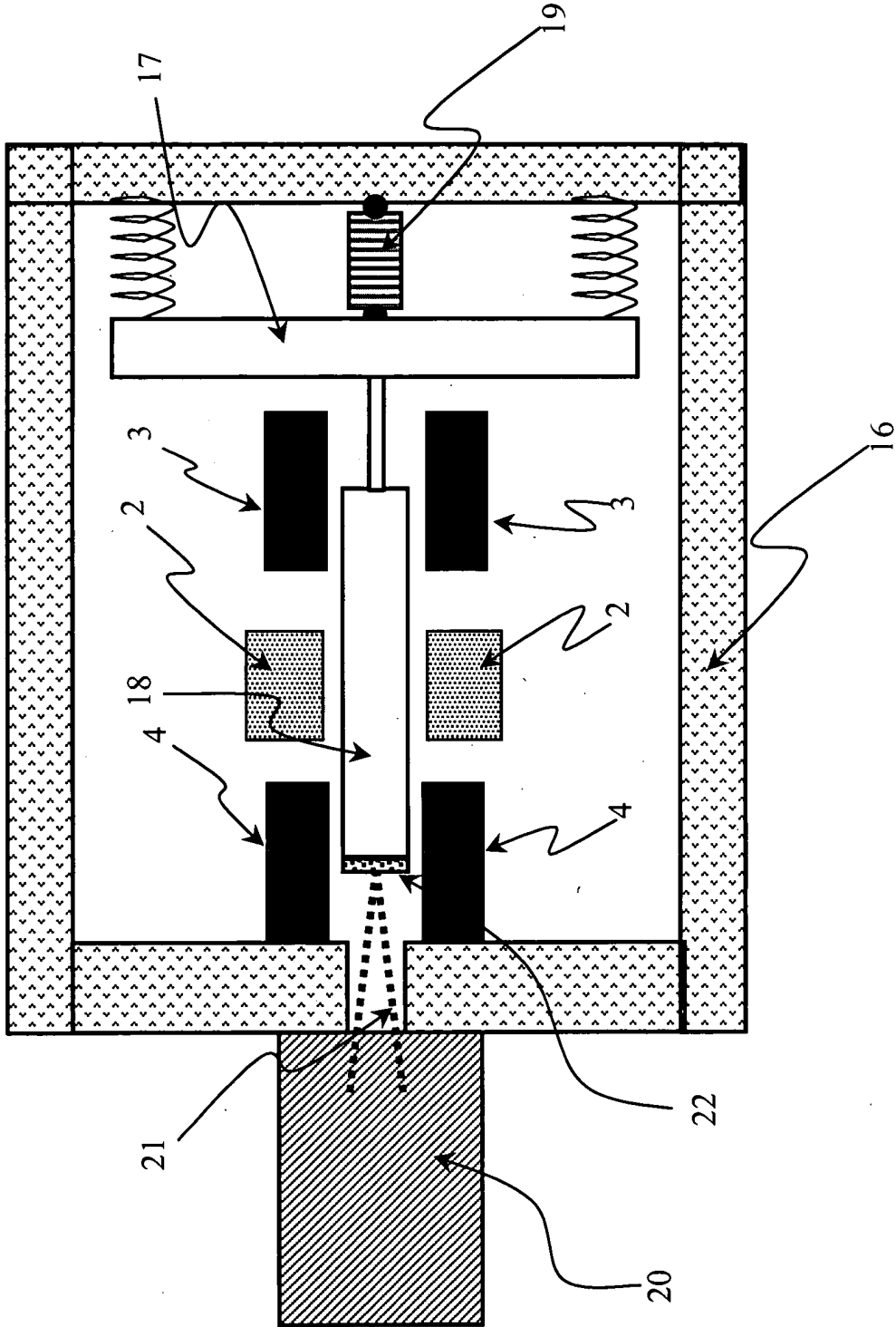


FIG. 8

FOOT 5249T00T



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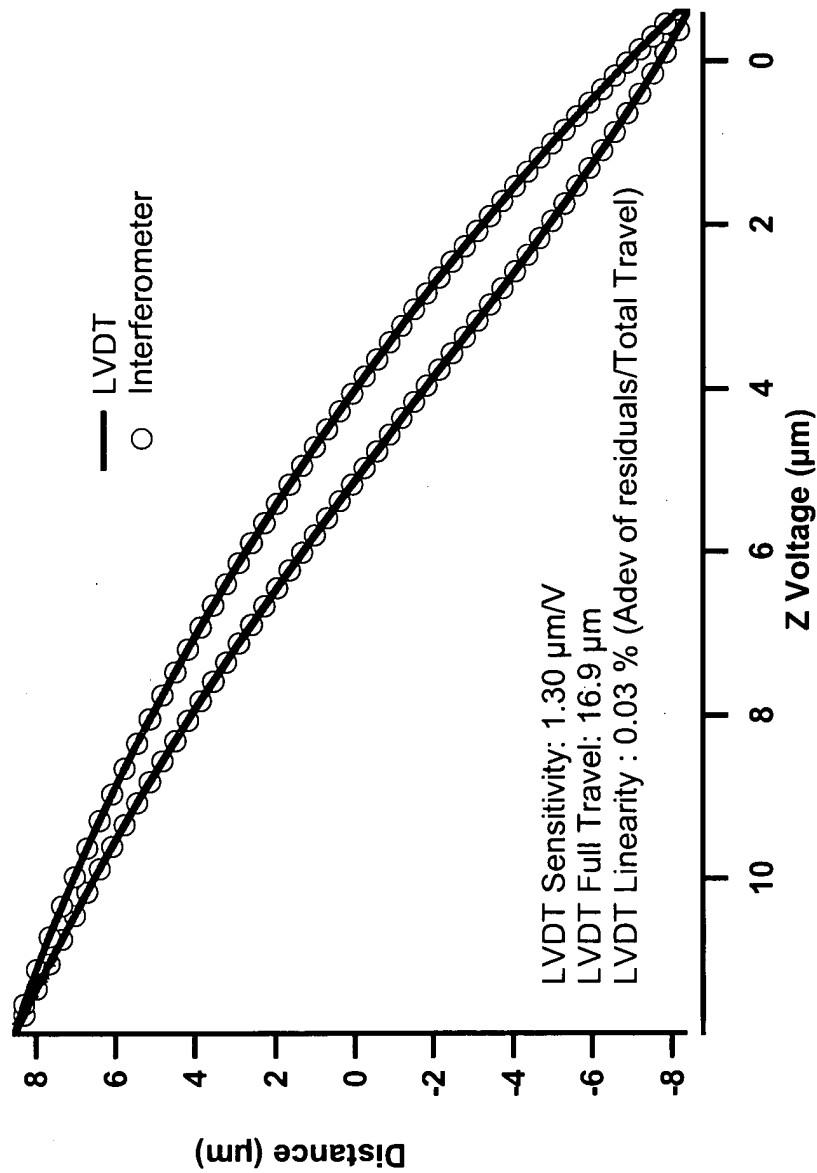


FIG. 9

FOOTNOTES

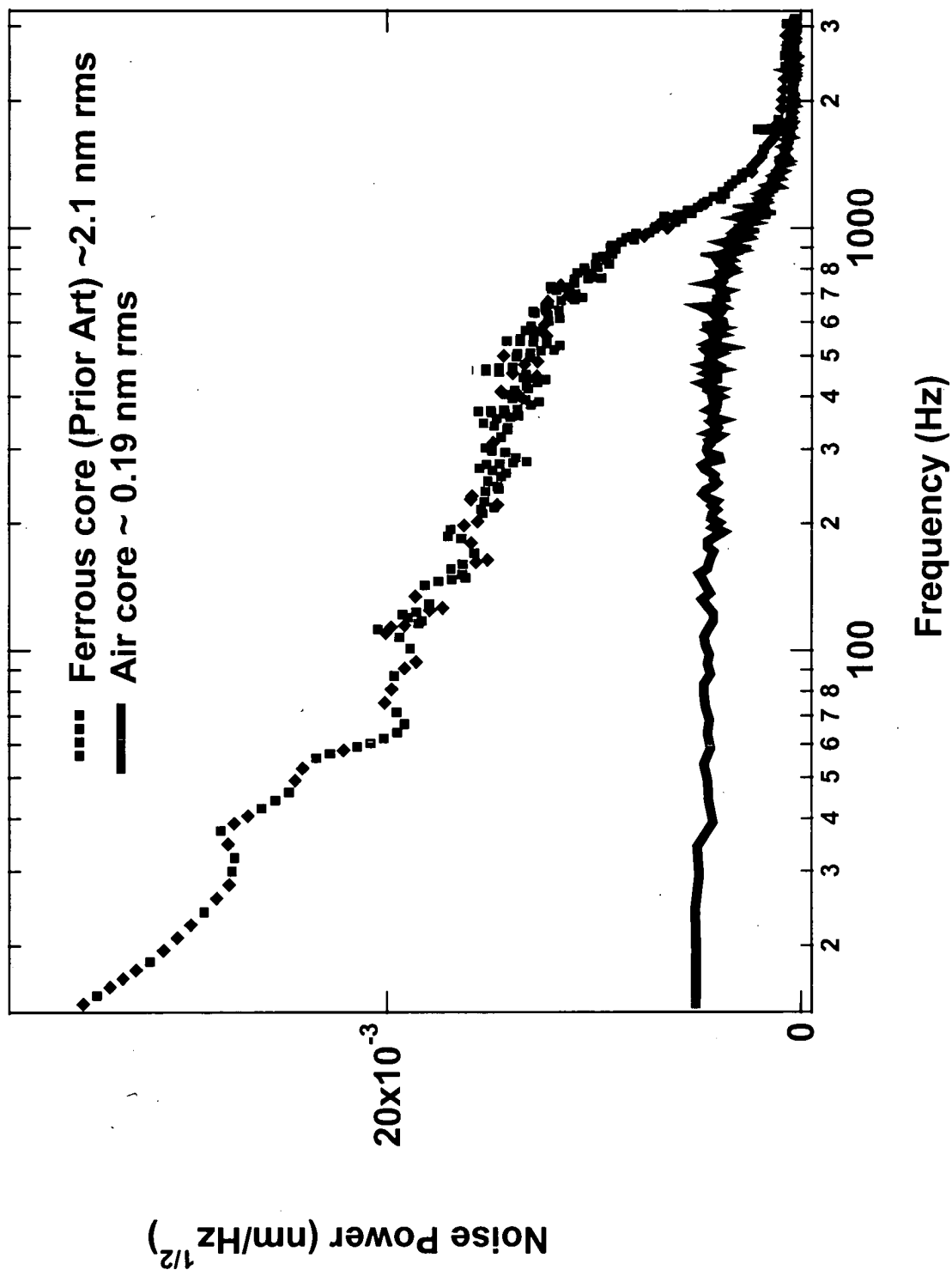


FIG.10

Noise vs. Time for ferromagnetic and non-ferromagnetic cores

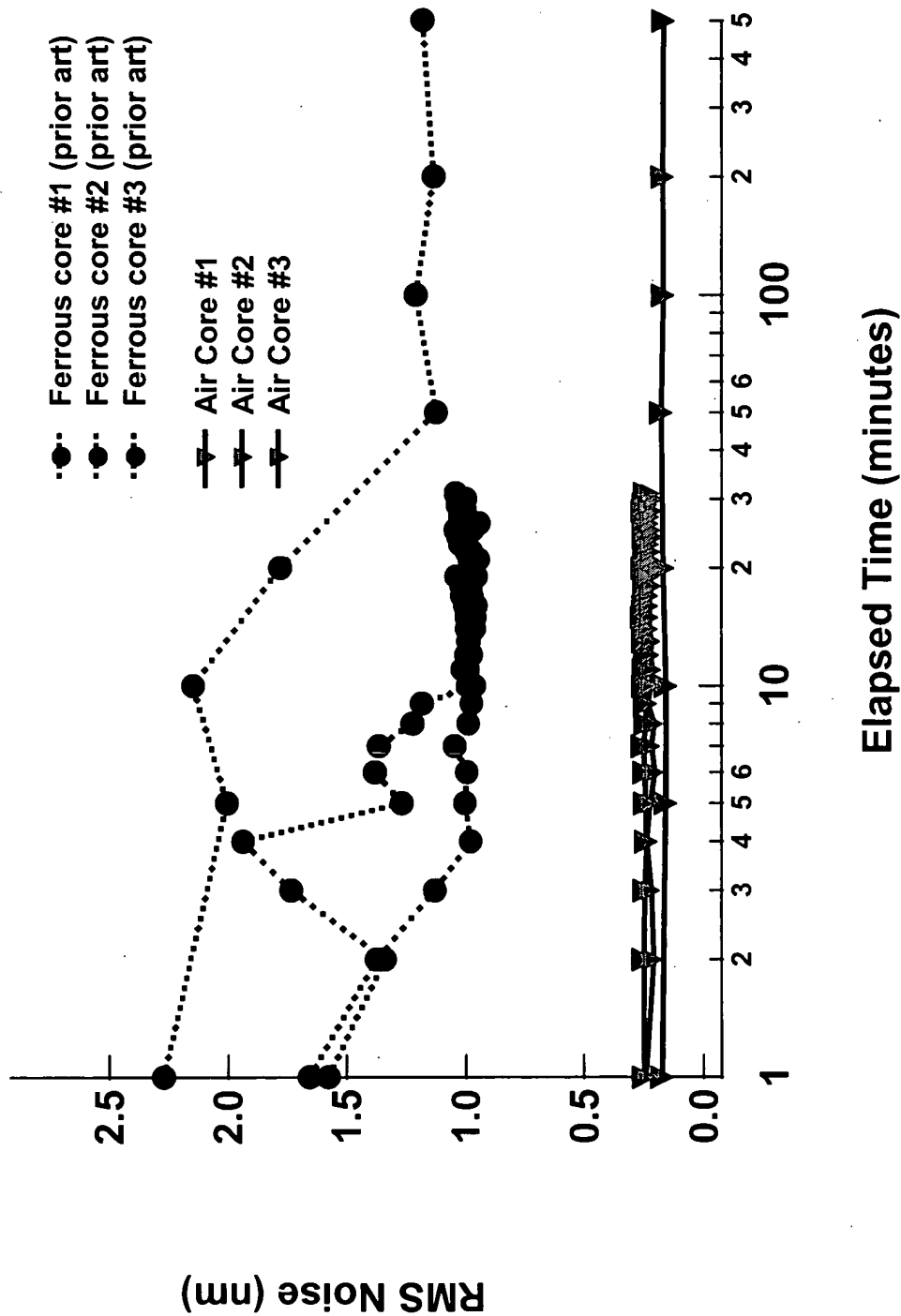


FIG. 11

# Positional Noise vs. Primary Coil Drive Amplitude

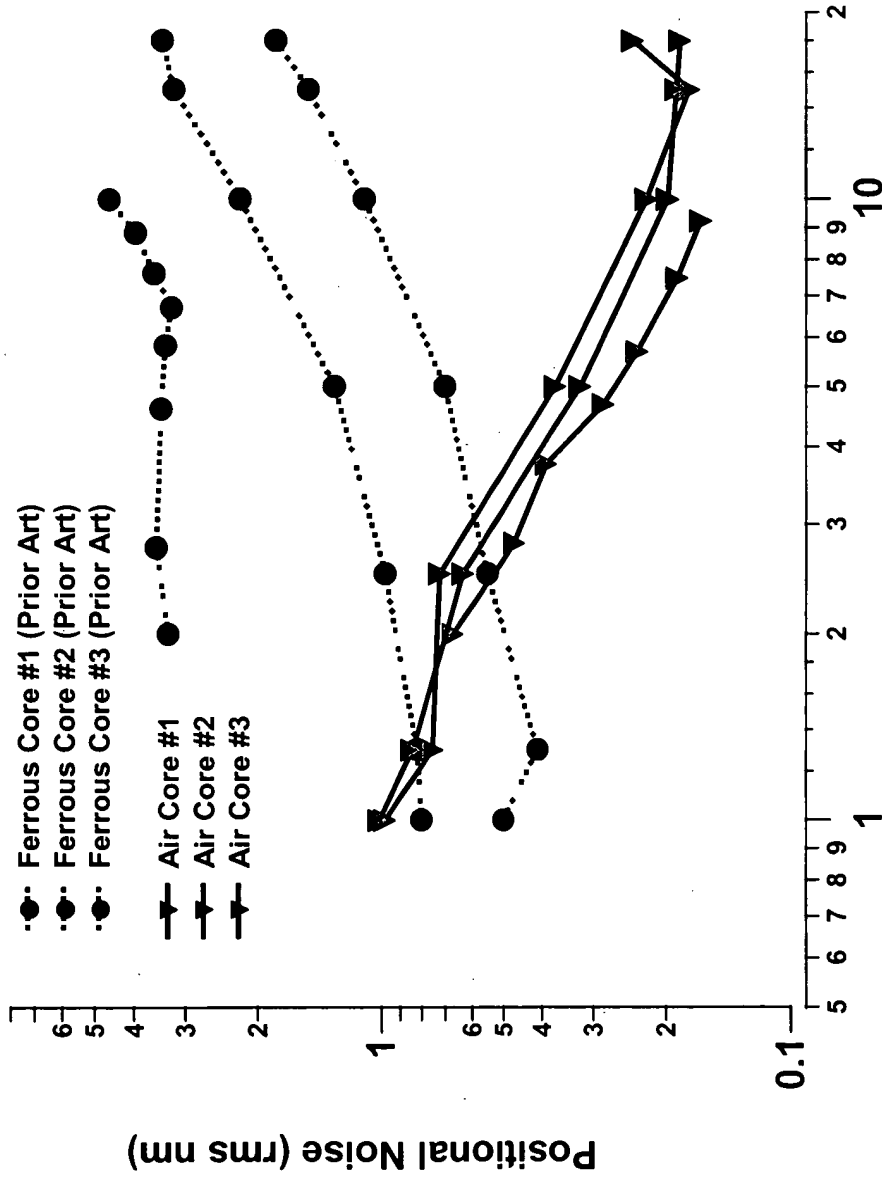


FIG. 12

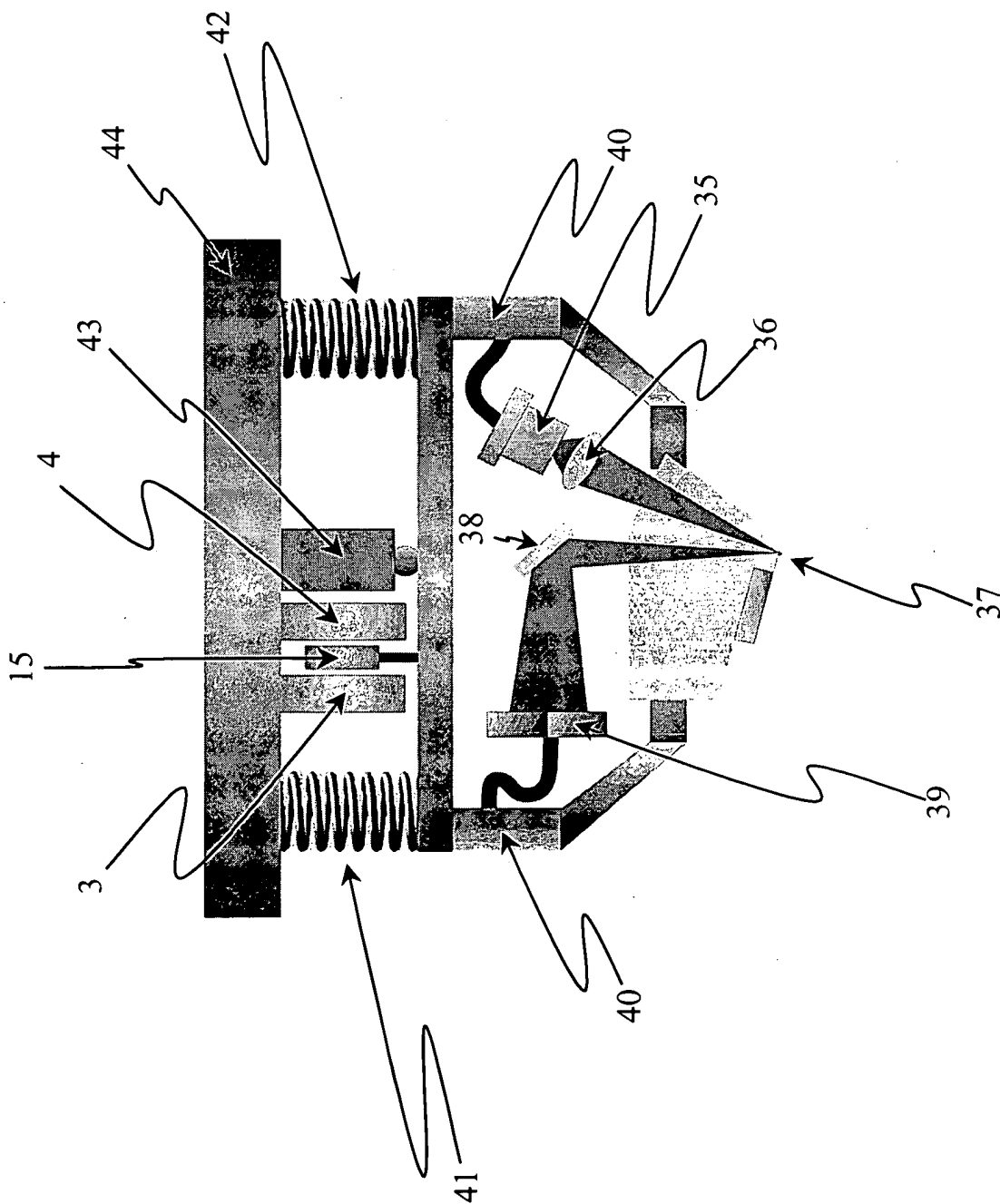


FIG. 13

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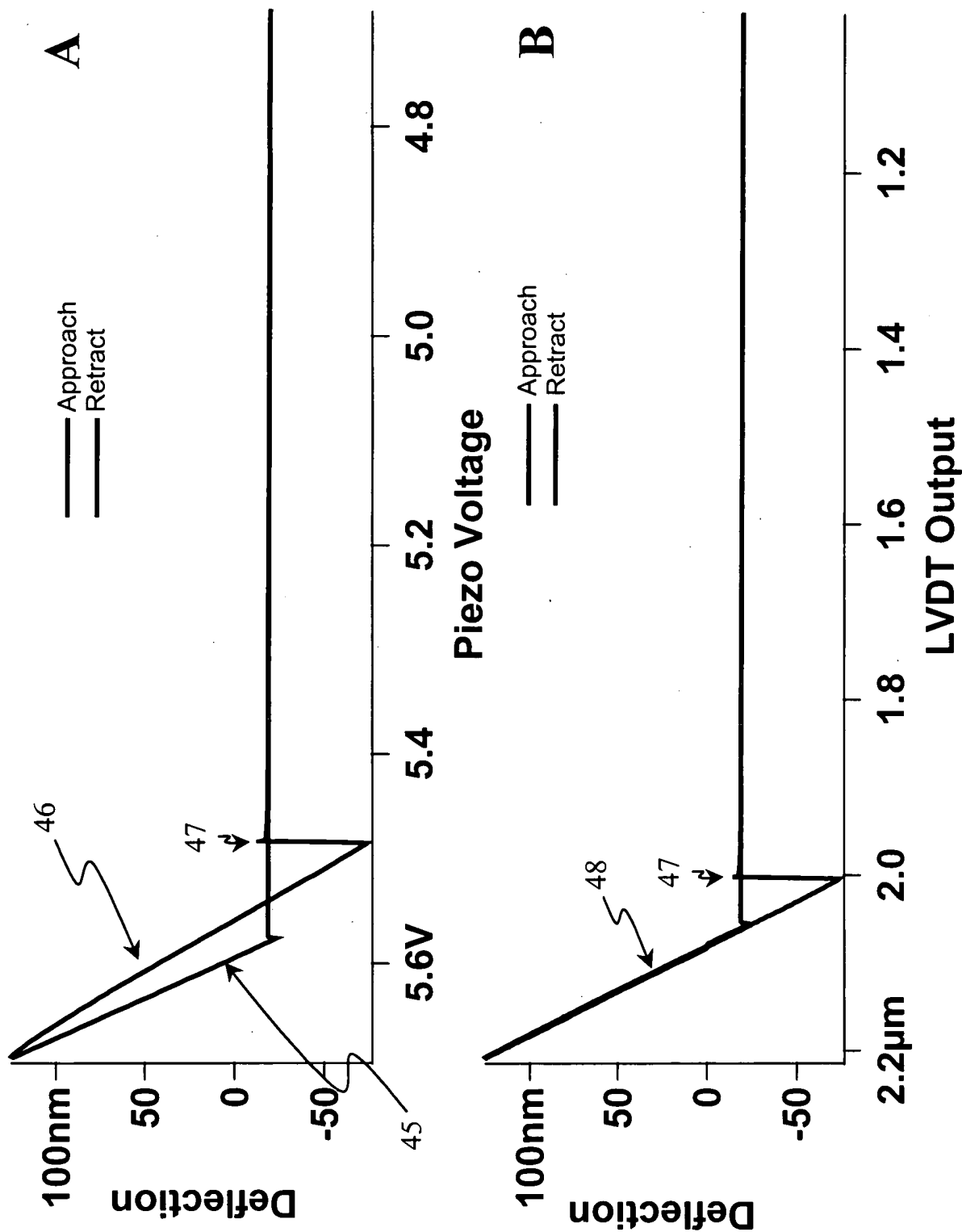


FIG.14

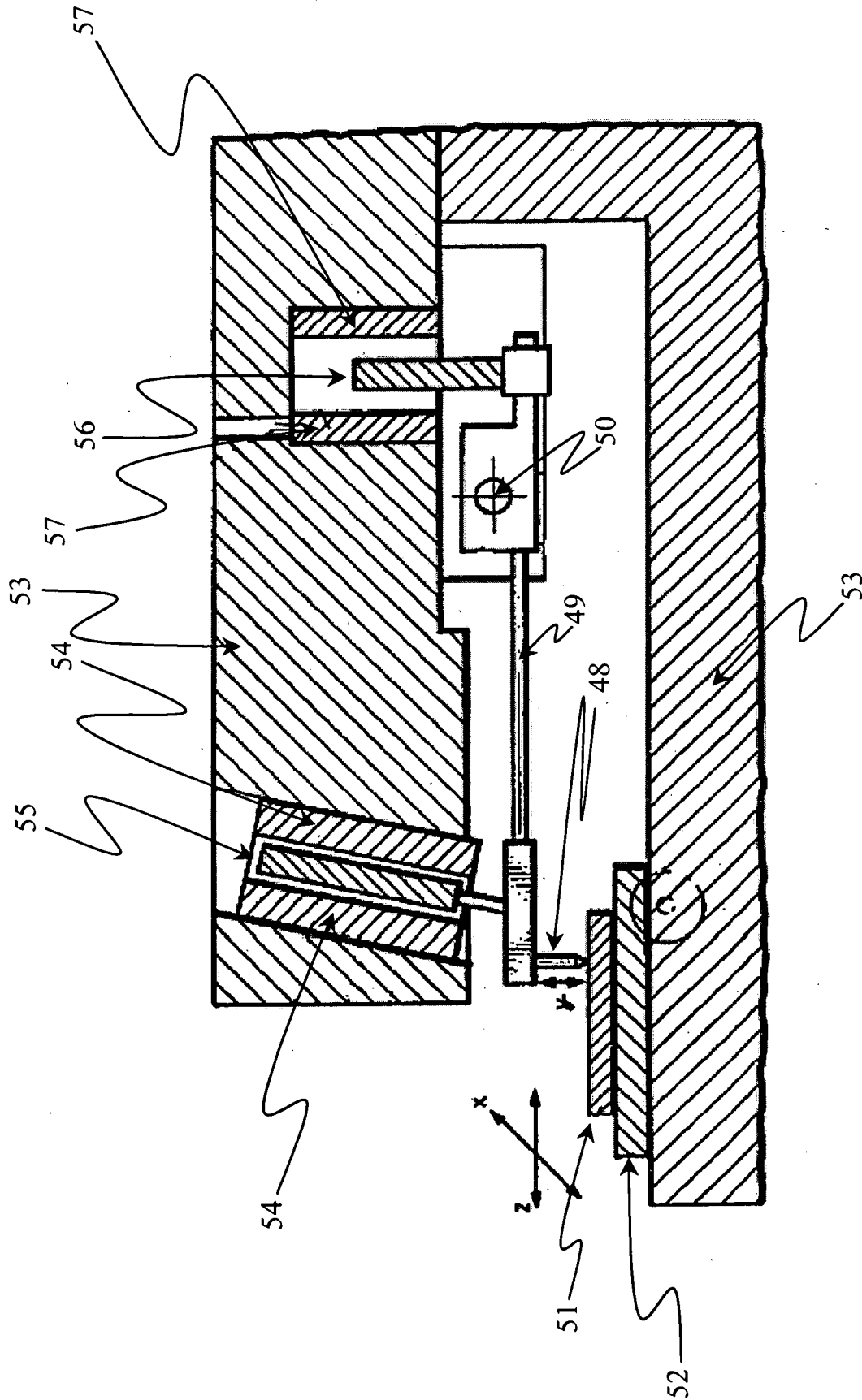


FIG. 15

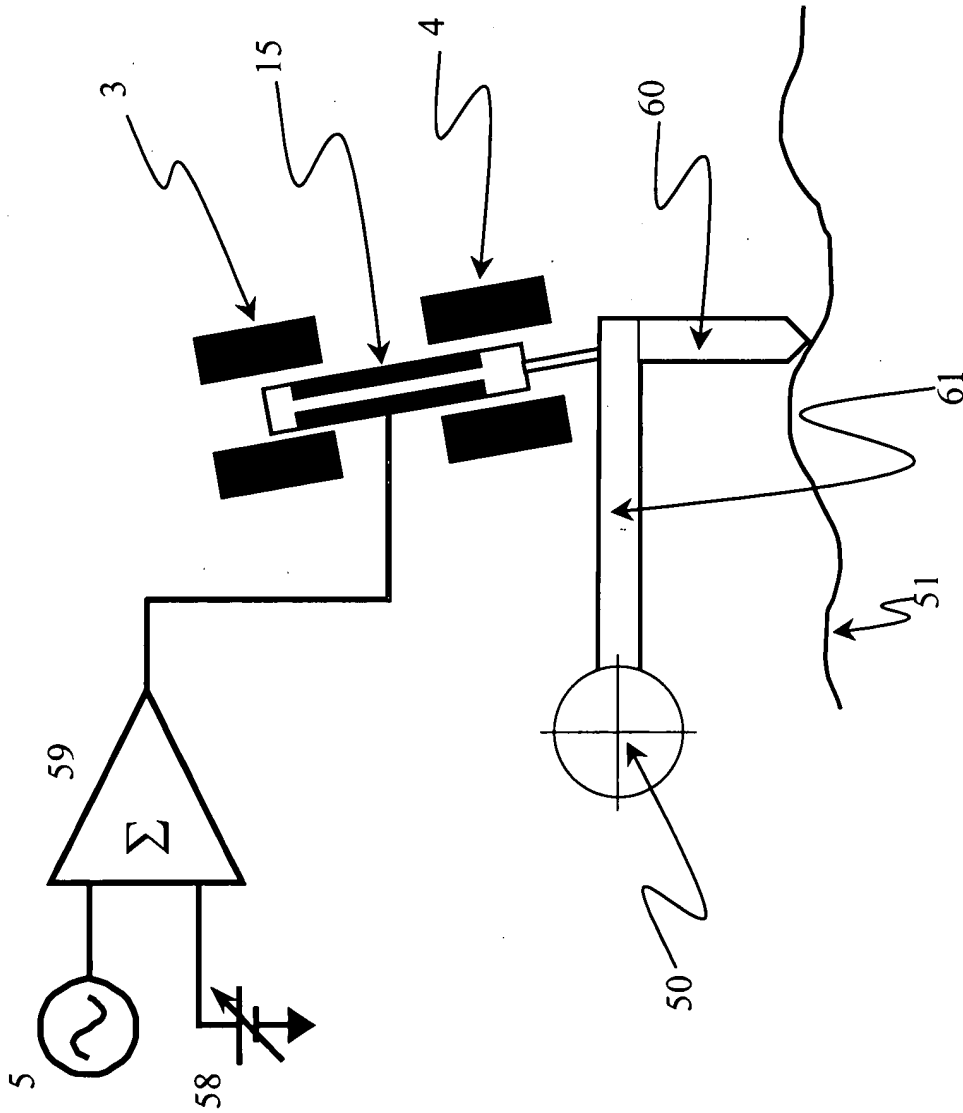


FIG. 16

FIG. 16



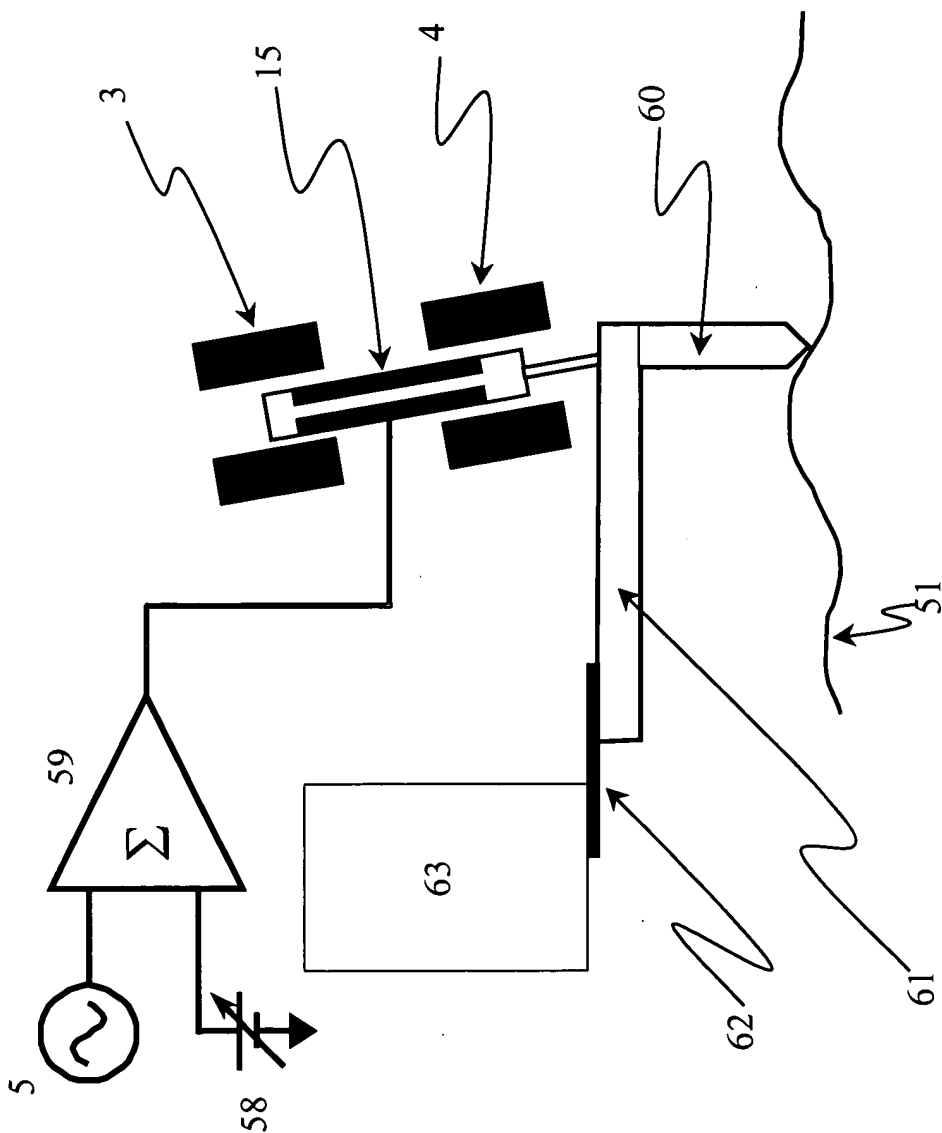
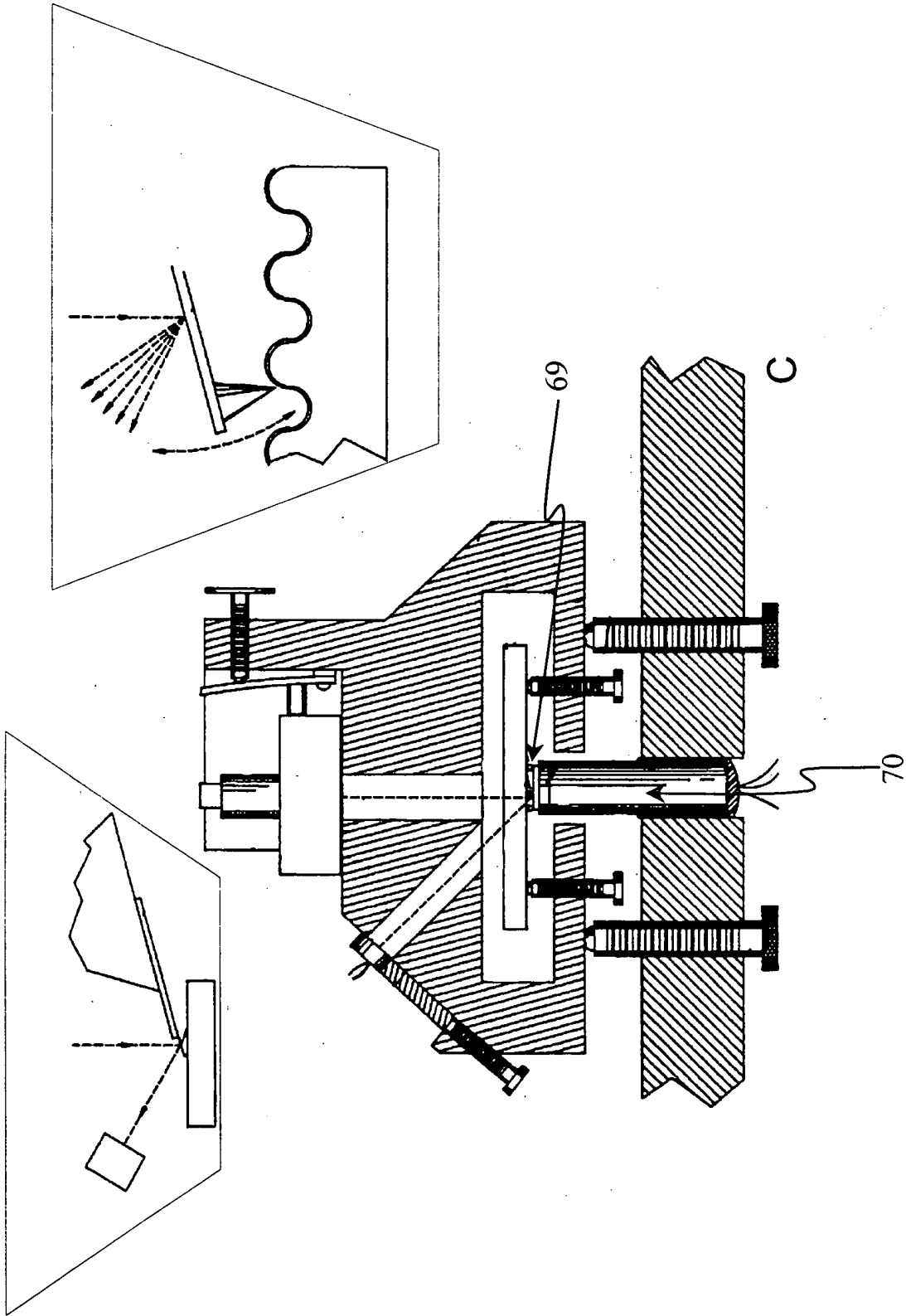


FIG. 17

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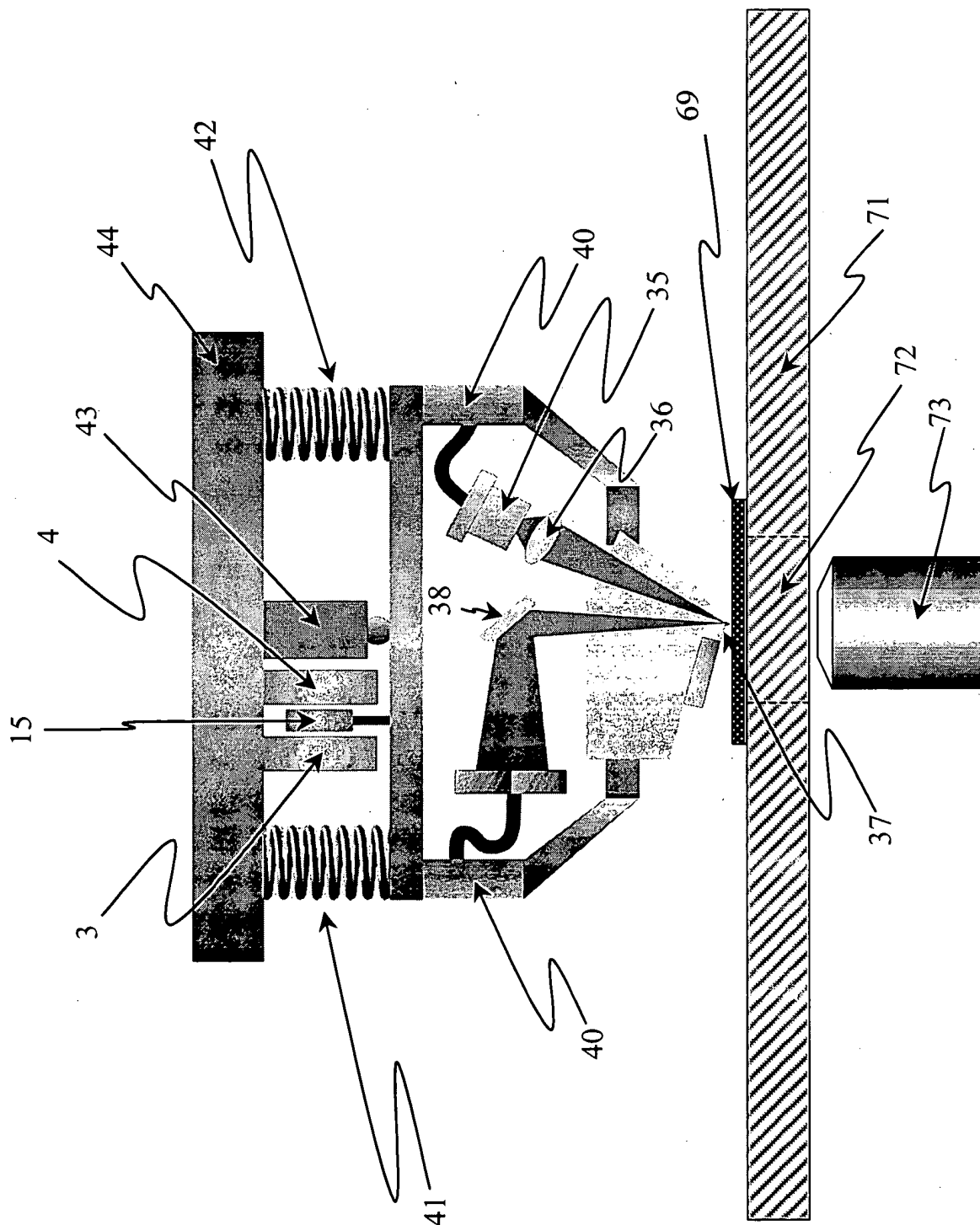


FIG. 19

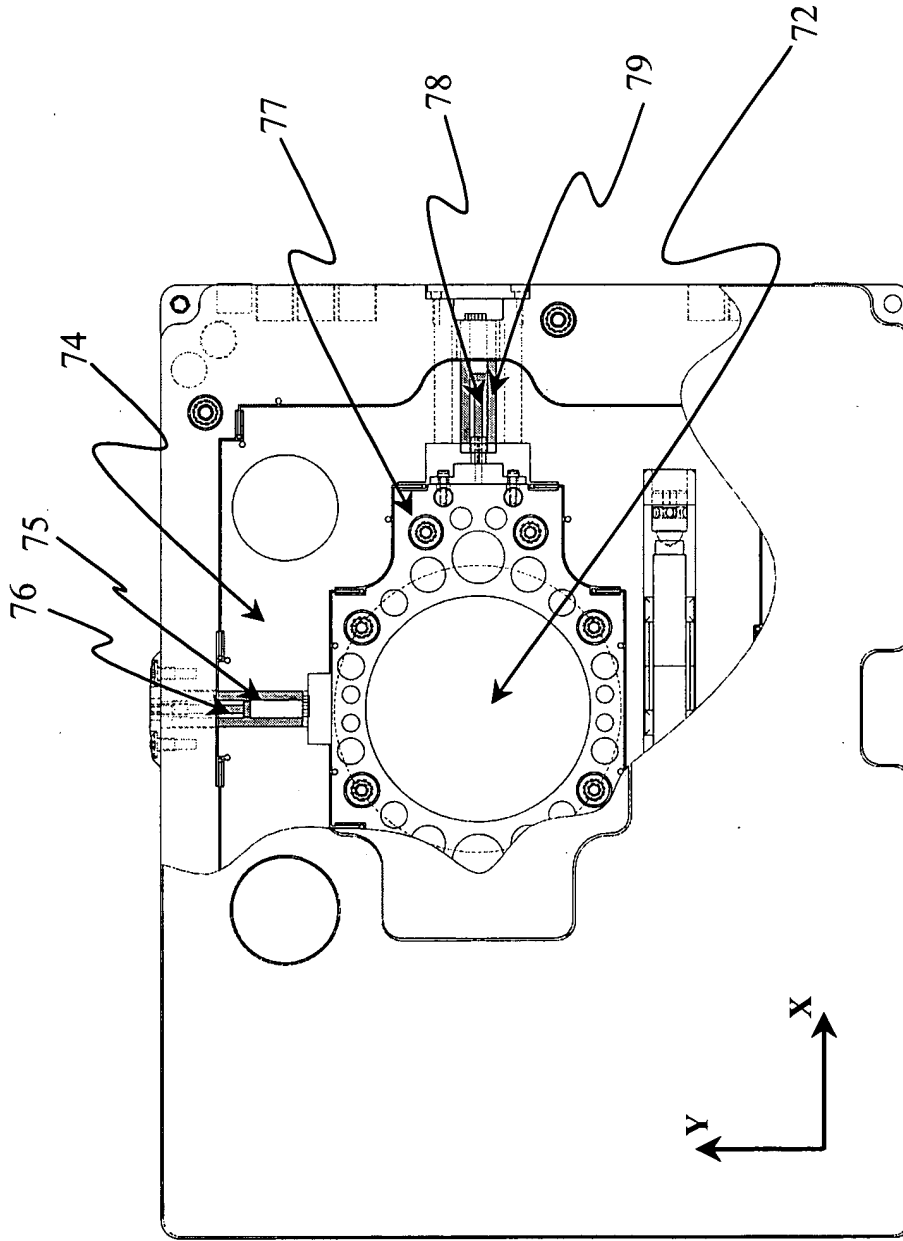


FIG. 20

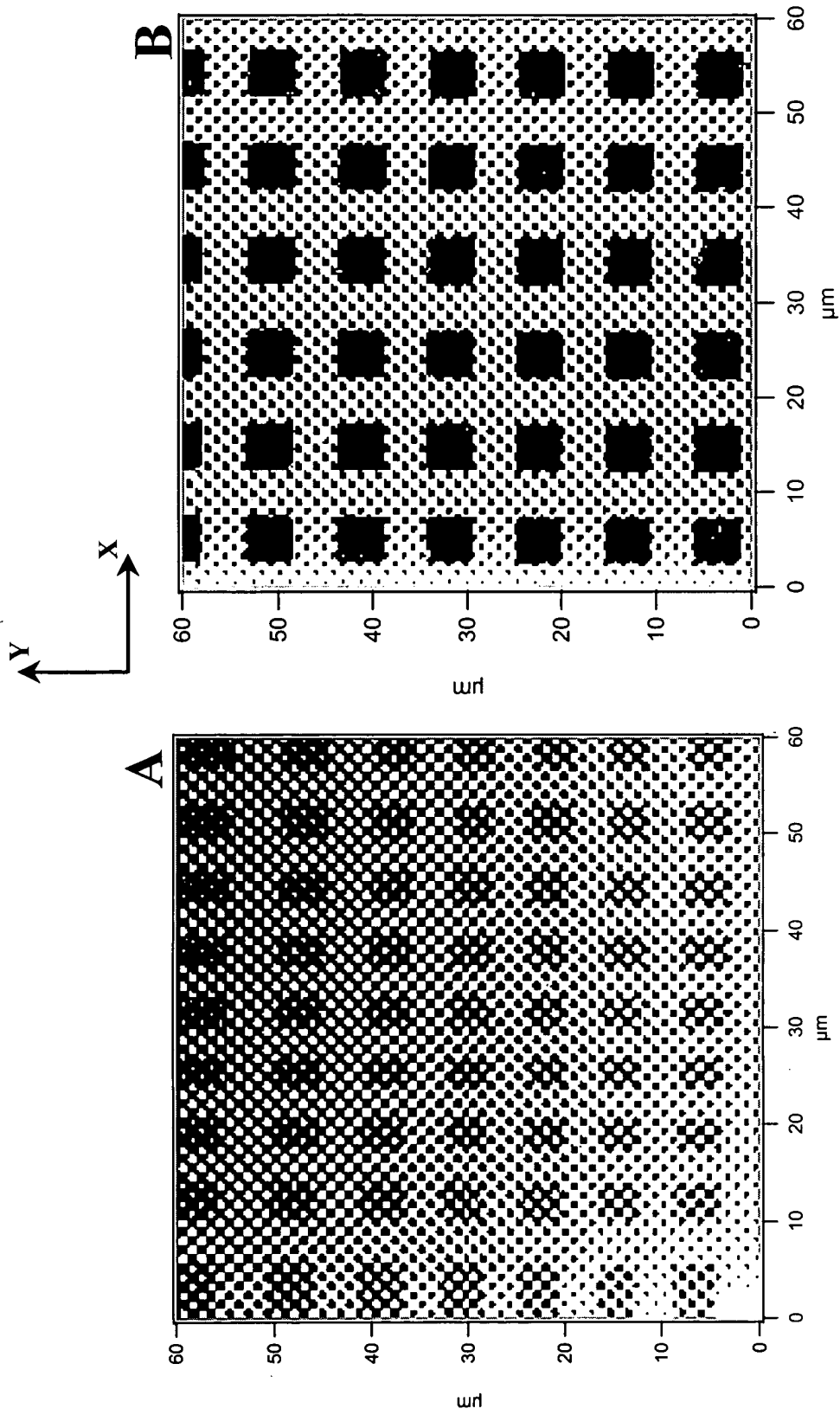


FIG. 21